BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

APPROVED SCHEDULE - B

Issued to :

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Name of the Work : Improvements to Roads and Drains at Muneshwara Layout in Ward No. 08, Kodigehalli Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Rates Quoted by Contractor	
				In Figures	In Words
1	233.33	Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	90.72	Rupees Ninety and Seventy Two Paise Only
2	330.00	Removing B.S. Slab Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm	50.11	Rupees Fifty and Eleven Paise Only
3	330.00	Refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm	70.04	Rupees Seventy and Four Paise Only
4	1.65	Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	4290.84	Rupees Four Thousand Two Hundred Ninety and Eighty Four Paise Only
5	5.94	Providing and constructing granite / trap / basalt size stone masonry in **superstructure with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	4341.76	Rupees Four Thousand Three Hundred Forty One and Seventy Six Paise Only
6	9.90	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	76.32	Rupees Seventy Six and Thirty Two Paise Only
7	0.99	Providing and laying in position plain cement concrete of **mix M15 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	4690.50	Rupees Four Thousand Six Hundred Ninety and Fifty Paise Only

	Approved Qty.	Description	Unit	Rates Quoted by Contractor	
				In Figures	In Words
8	10.25	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	271.08	Rupees Two Hundred Seventy One and Eight Paise Only
9	4.13	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall** (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	5639.76	Rupees Five Thousand Six Hundred Thirty Nine and Seventy Six Paise Only
10	2.23	Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work	Qntl	7450.92	Rupees Seven Thousand Four Hundred Fifty and Ninety Two Paise Only
11	264.00	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum	1121.04	Rupees One Thousand One Hundred Twenty One and Four Paise Only
12	1100.00	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	10.53	Rupees Ten and Fifty Three Paise Only
13	1100.00	Providing and applying primer coat from 12.2 to 14.6kg per 10 sqm for surfaces of high porosity over prepared surface of granular base with cut back M.C.-70 or any other bitumen mixed with diesel at 13 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	142.07	Rupees One Hundred Forty Two and Seven Paise Only

	Approved Qty.	Description	Unit	Rates Quoted by Contractor	
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14	27.50	Providing and laying **semi dense bituminous concrete** 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. **With 80/100 grade bitumen,** etc complete as per specifications and directions of engineer in charge of the work	Cum	9981.36	Rupees Nine Thousand Nine Hundred Eighty One and Thirty Six Paise Only
15	174.99	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work	Cum	72.71	Rupees Seventy Two and Seventy One Paise Only

I am prepared to execute the above mentioned work written by me in Schedule - B

Contractor Signature
Reg. No.
Postal Address

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92